



“As the owner of a petrol station, I’m used to getting huge electricity bills. Edge’s PowerSave helps me chip away at expensive energy costs, and it works without me having to change the operations of my business.”

Adam Hope, Owner

## PROBLEM

- Freedom Fuel Southport is a petrol station location in Queensland.
- The business was exposed to Energex’s **network demand tariffs**, resulting in higher electricity bills for businesses with poor power factor.
- Freedom Fuel Southport had a **poor power factor of 0.88**, meaning its equipment used electricity inefficiently.

## POWERSAVE ADVANTAGE



Annual savings:

**\$1,825**



Payback:

**3 years**



Power factor:

**0.88→0.99**



Installation time:

**3 hours**



**Low**  
weight



Reduces  
**CO2**

## SOLUTION

- We installed a 25 kvar PowerSave which improved power factor to **0.99**.
- This reduced the store’s maximum demand charge by **11.9%**.
- The PowerSave will produce savings of **\$1,825 every year**.

## EDGE ELECTRONS POWER FACTOR CORRECTION

